



Fig. 1A

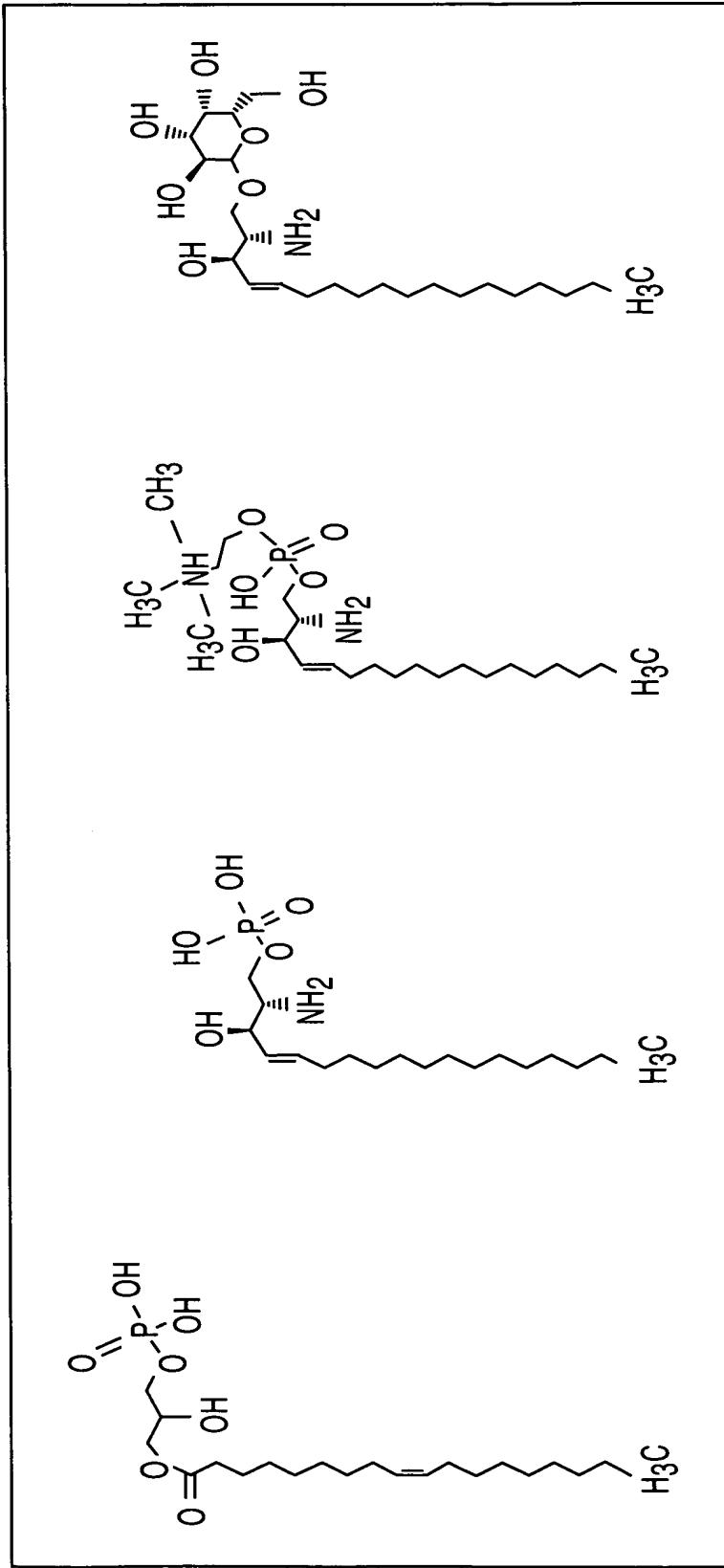


Fig.1B

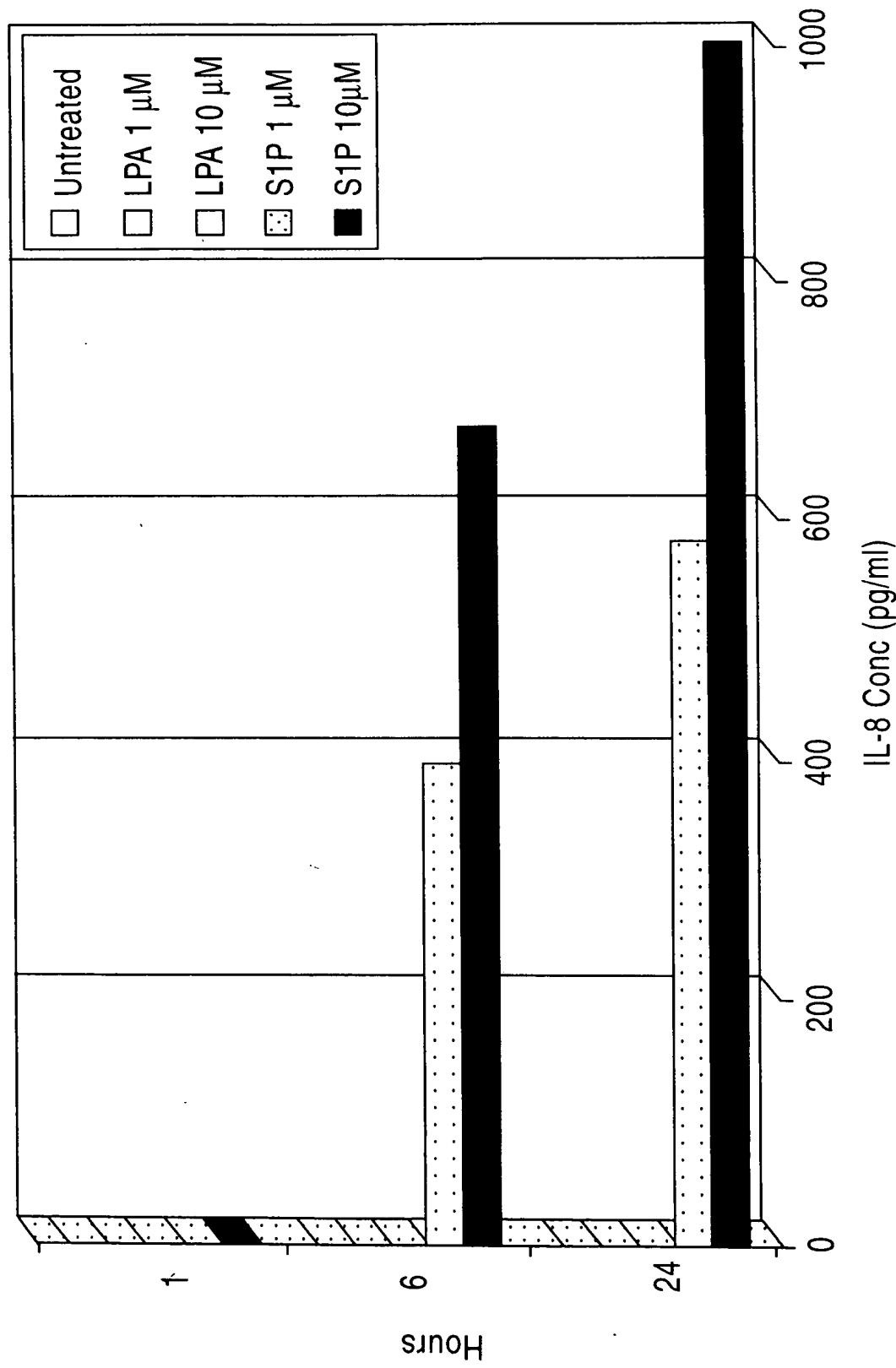


Fig.2A

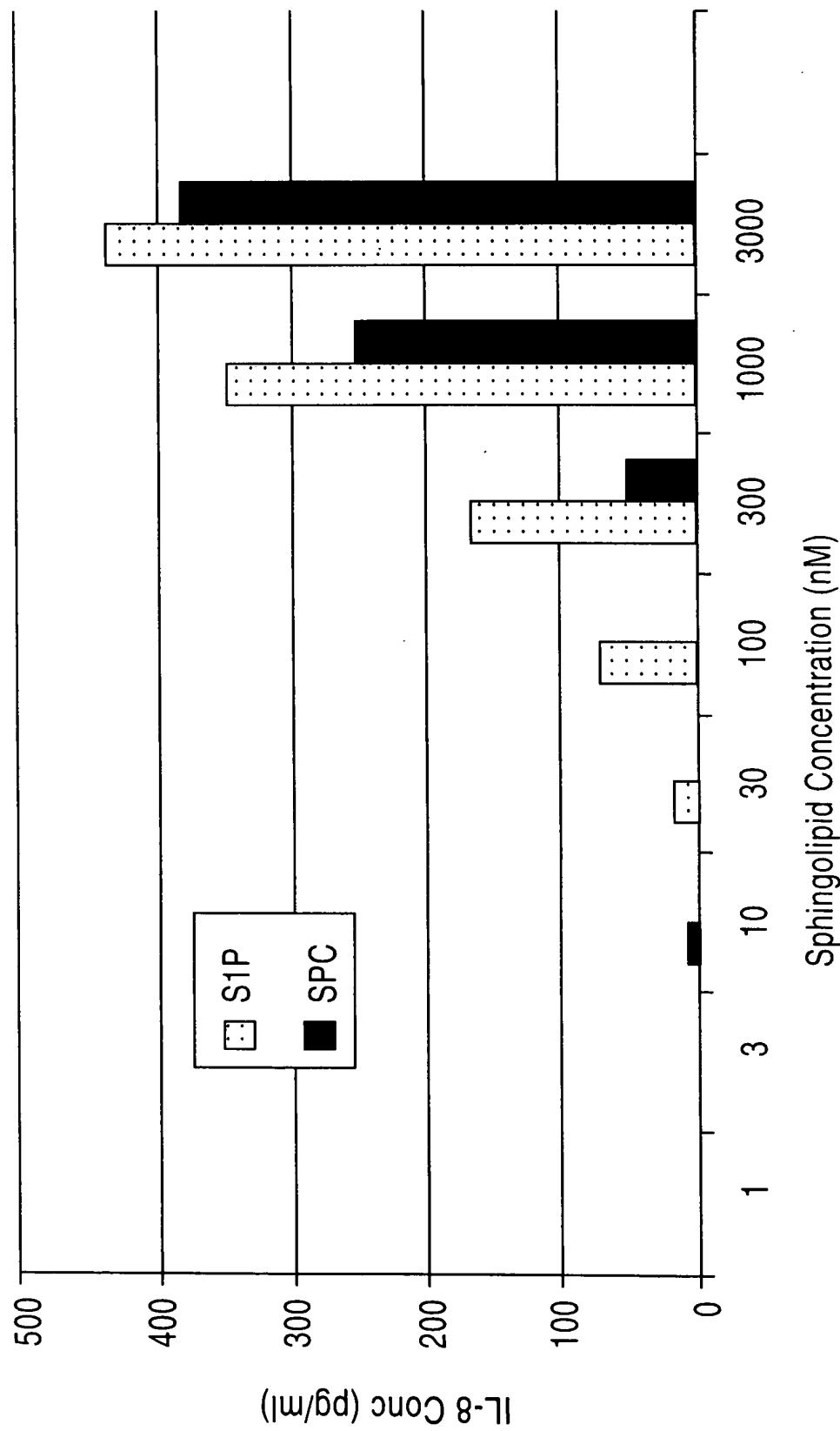


Fig.2B

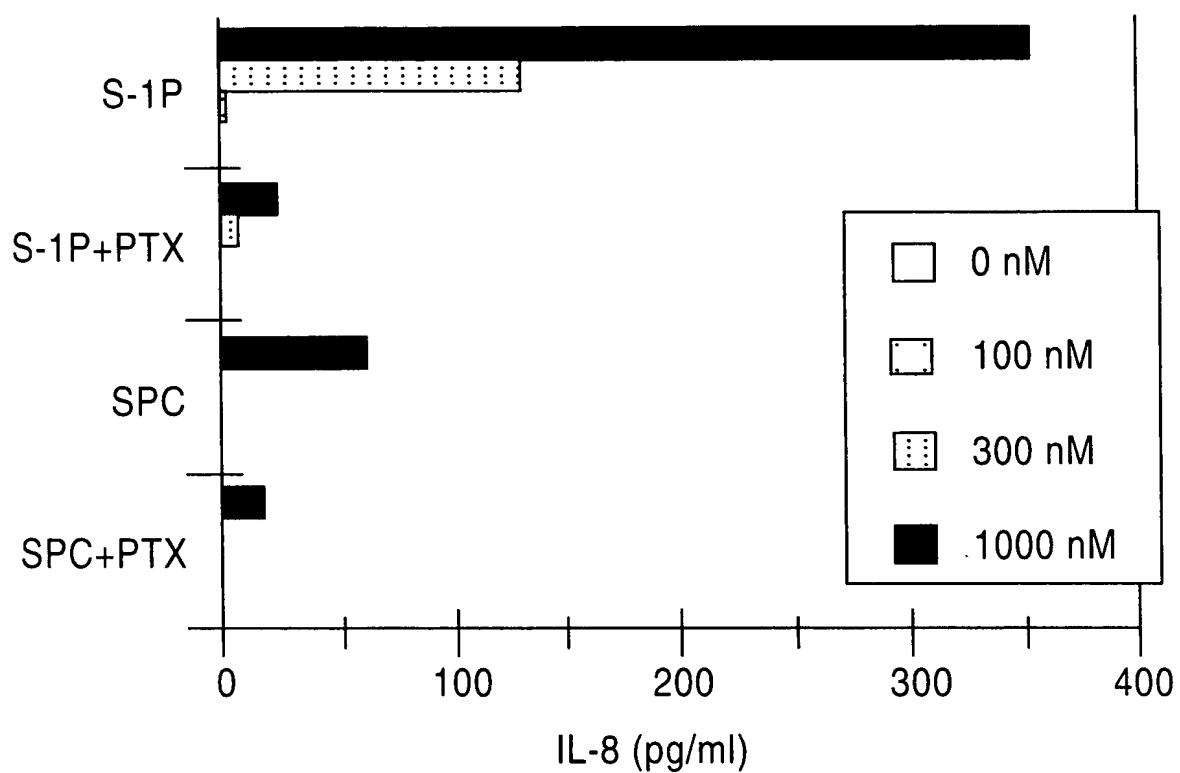


Fig.3

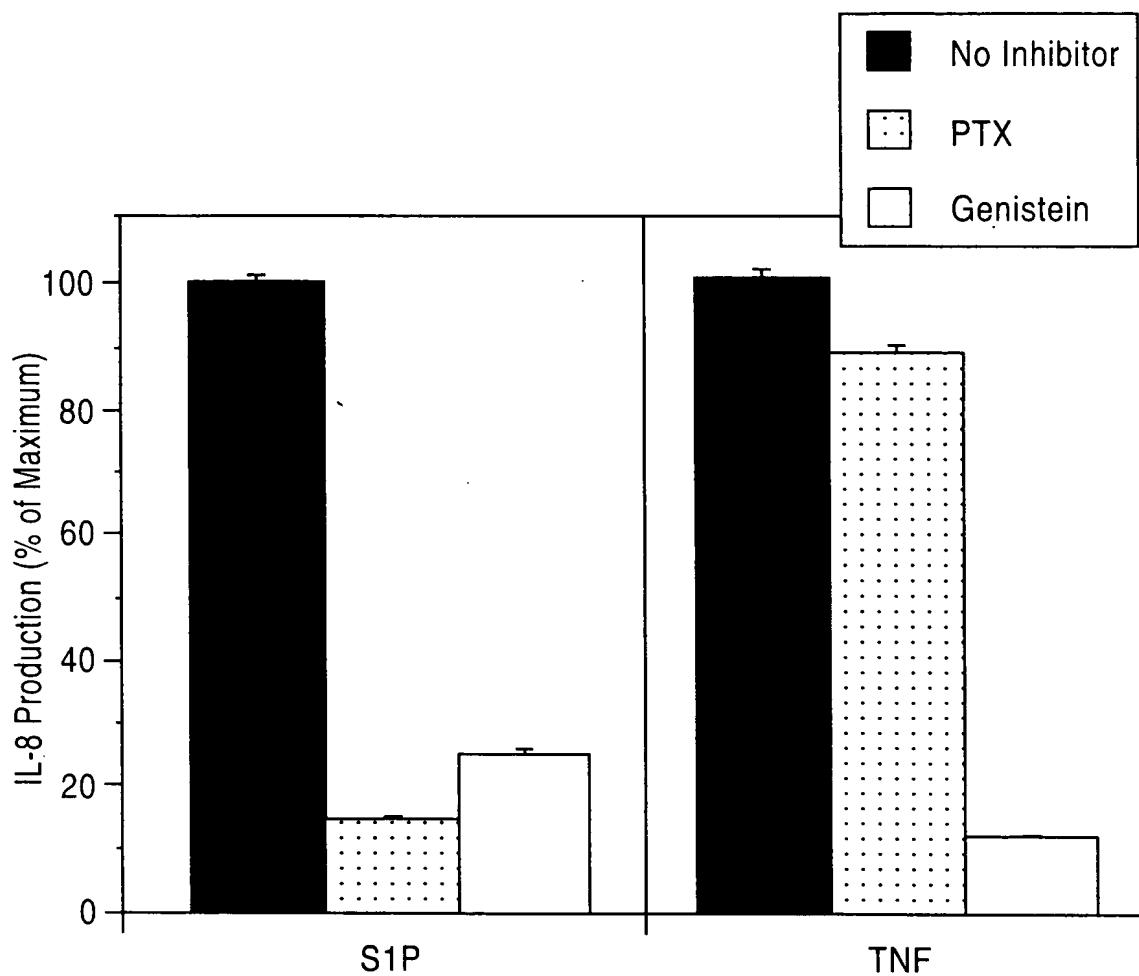


Fig.4A

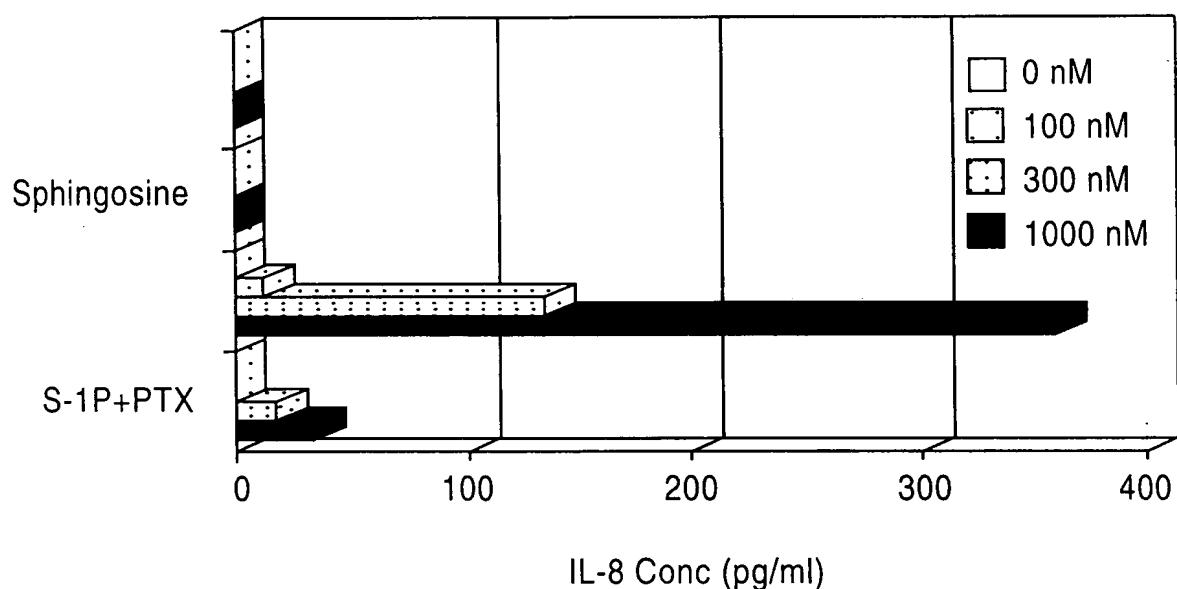


Fig.4B

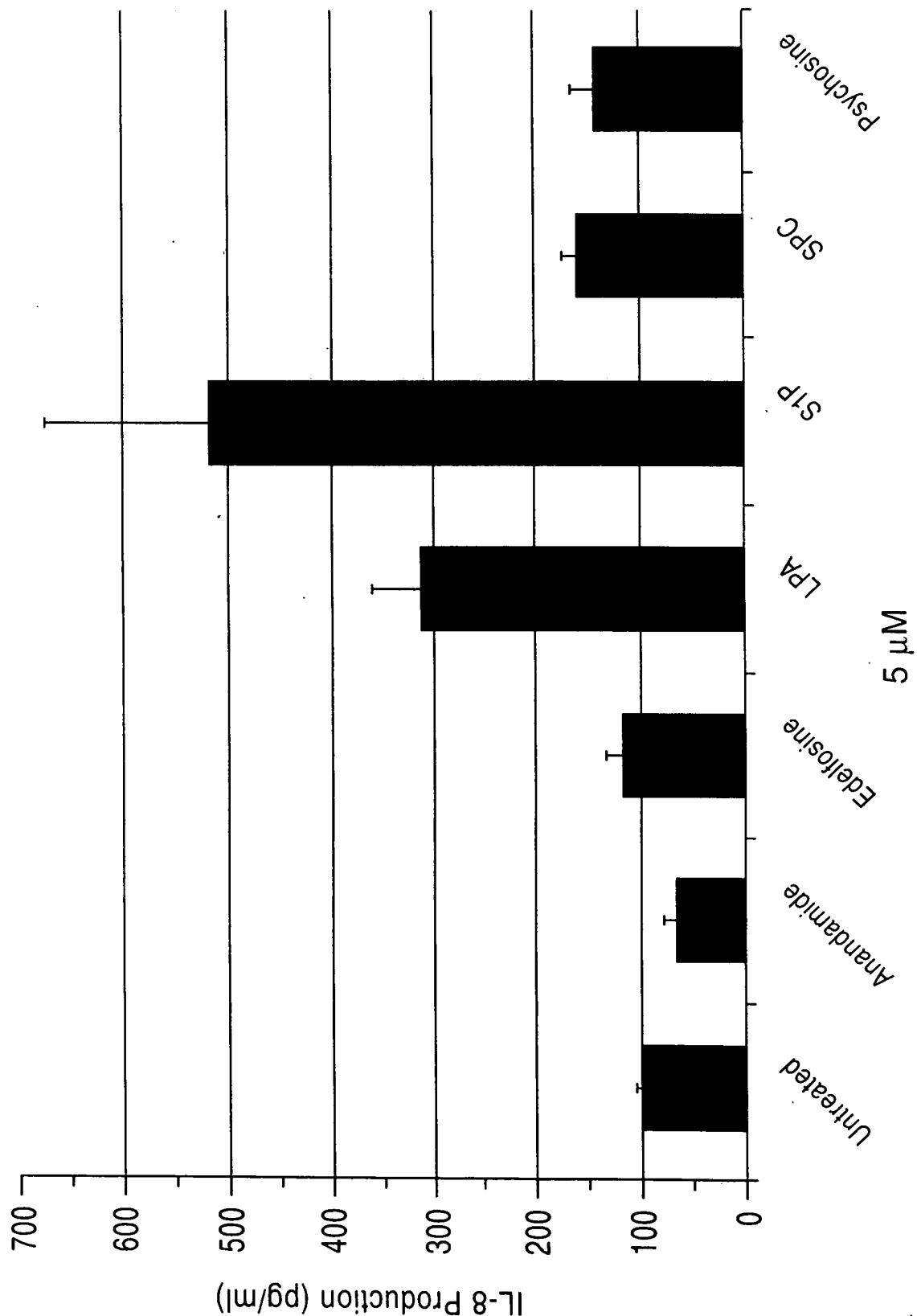
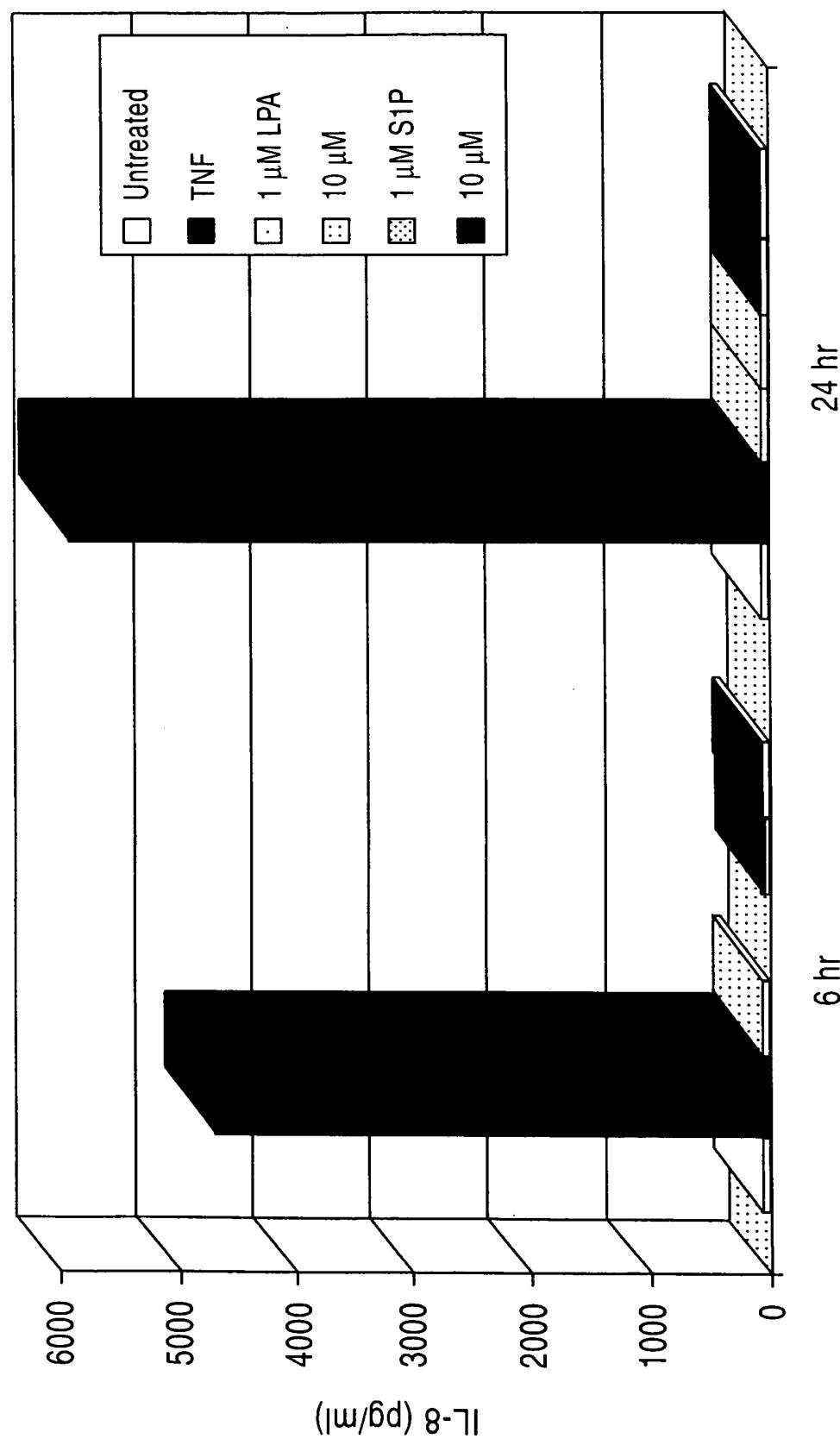
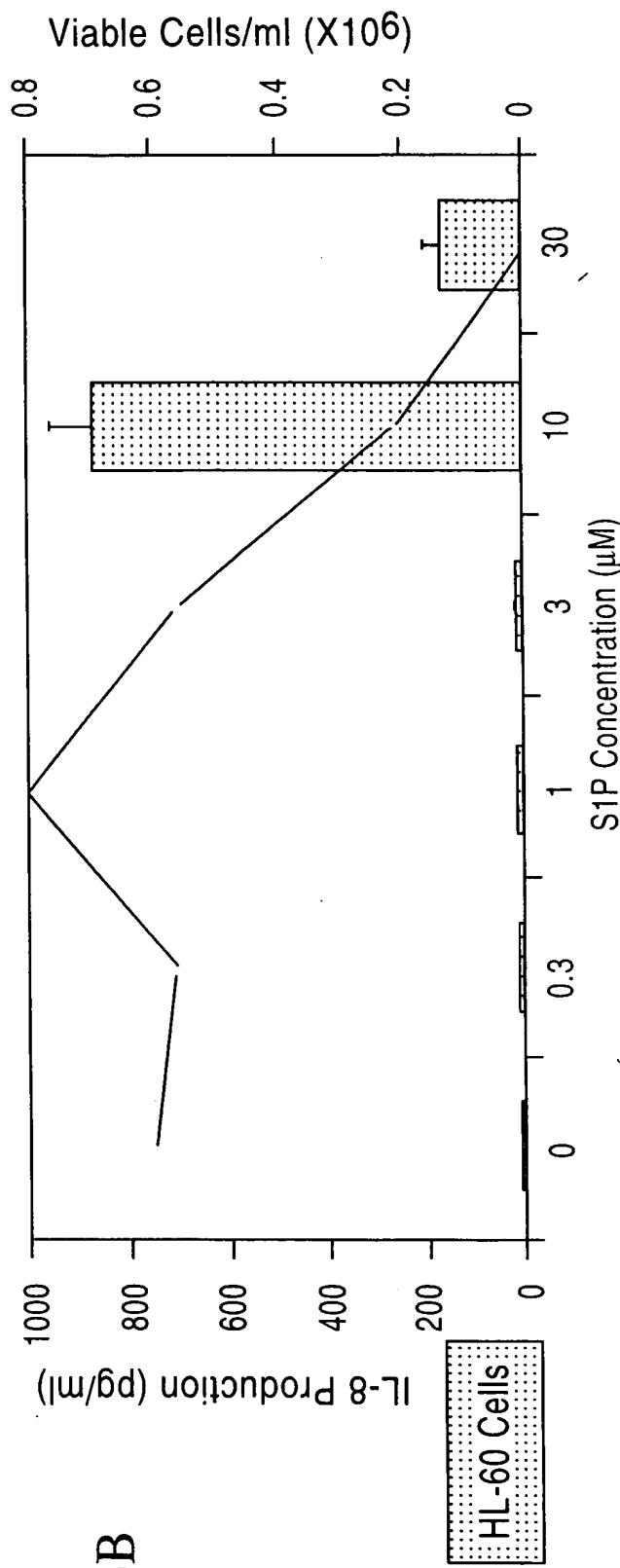
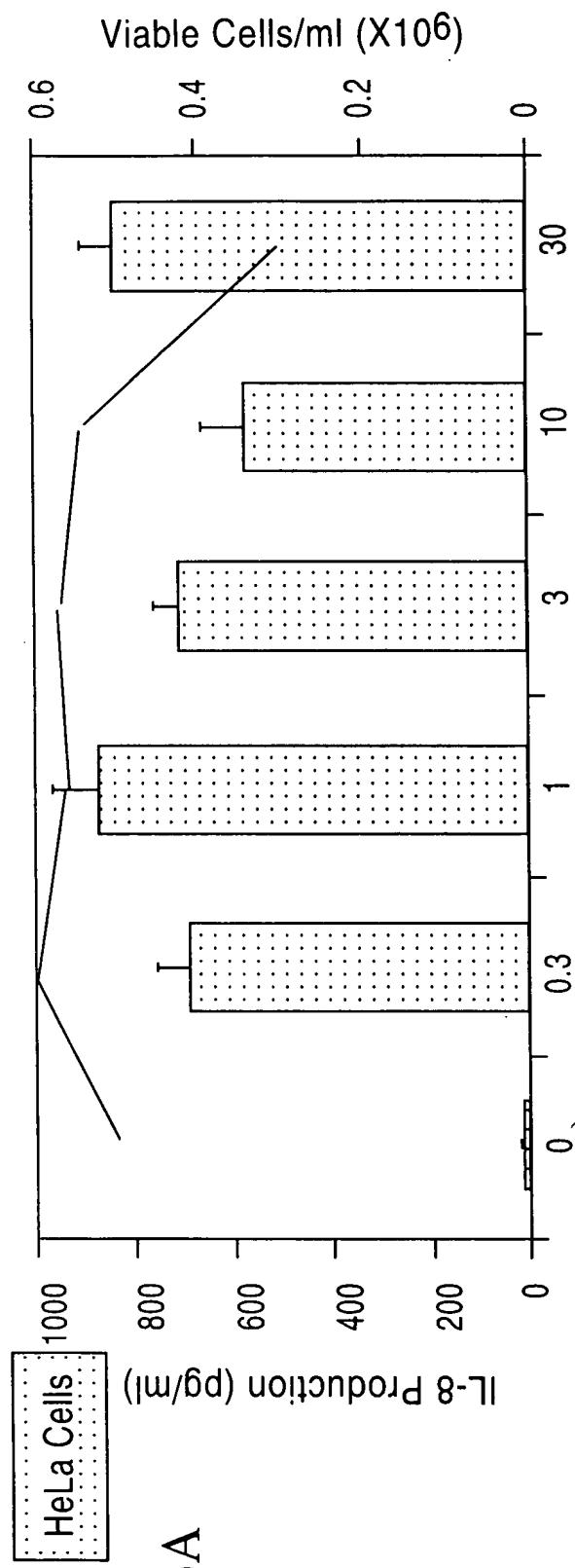


Fig.5





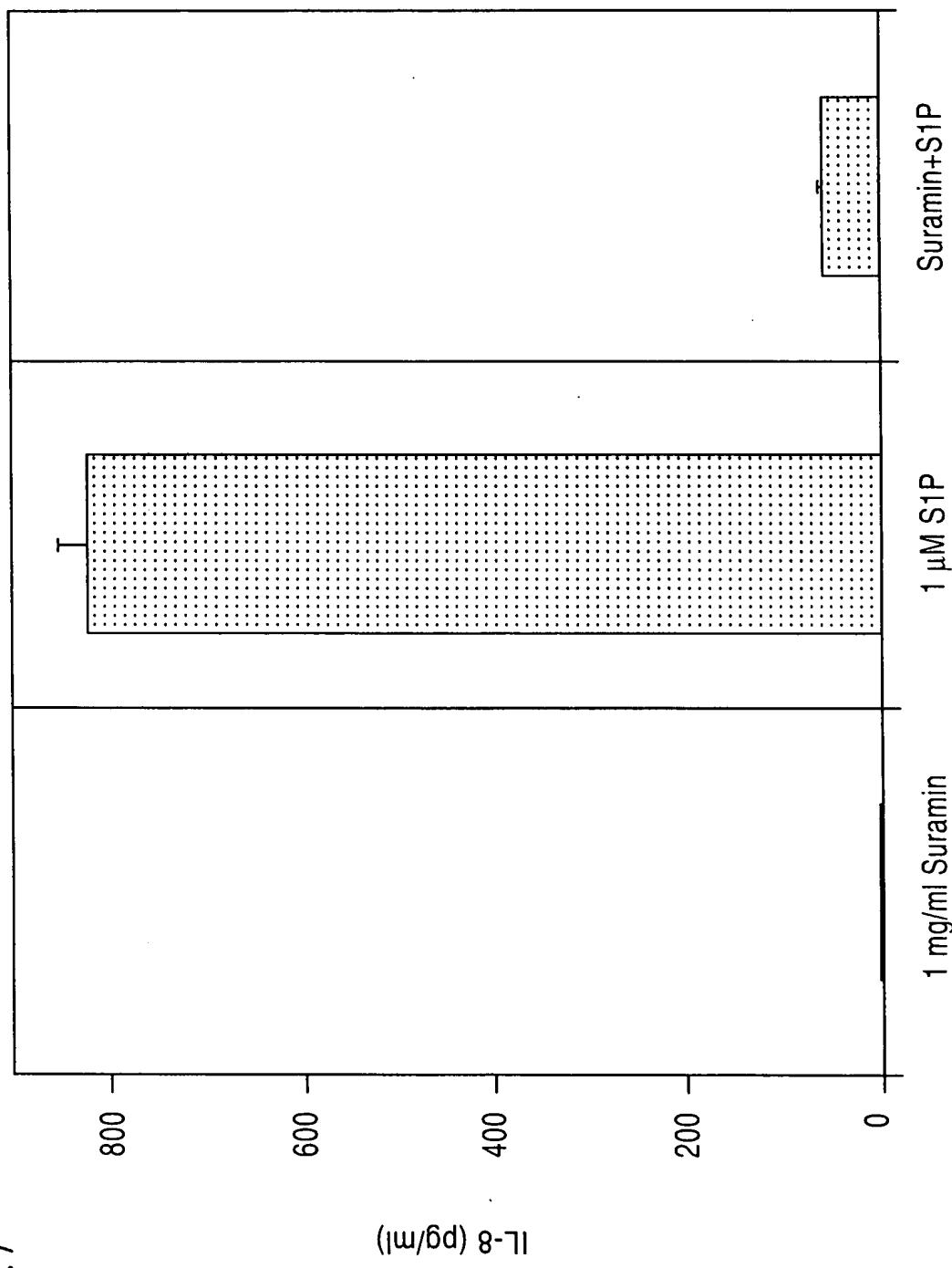
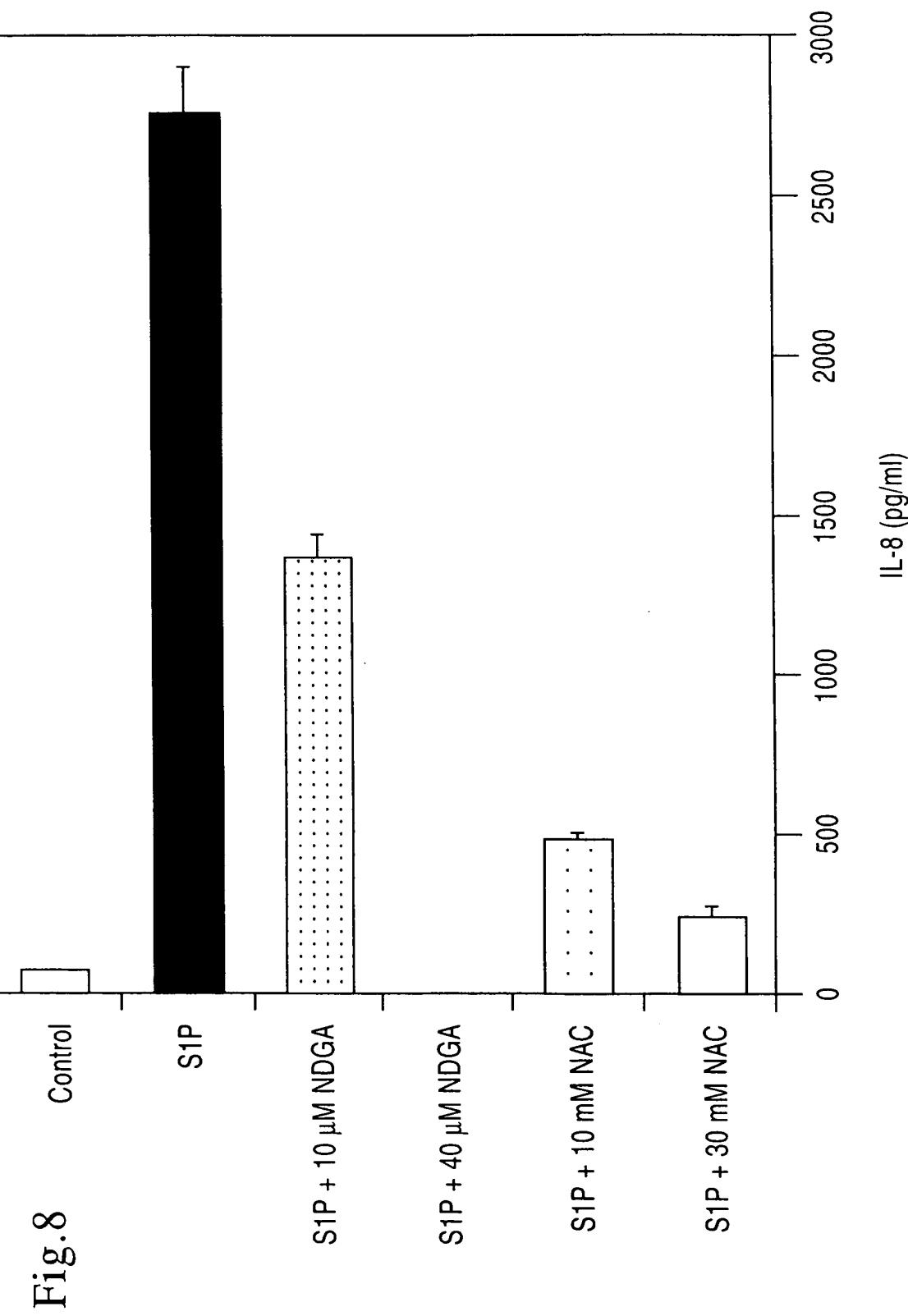


Fig.7



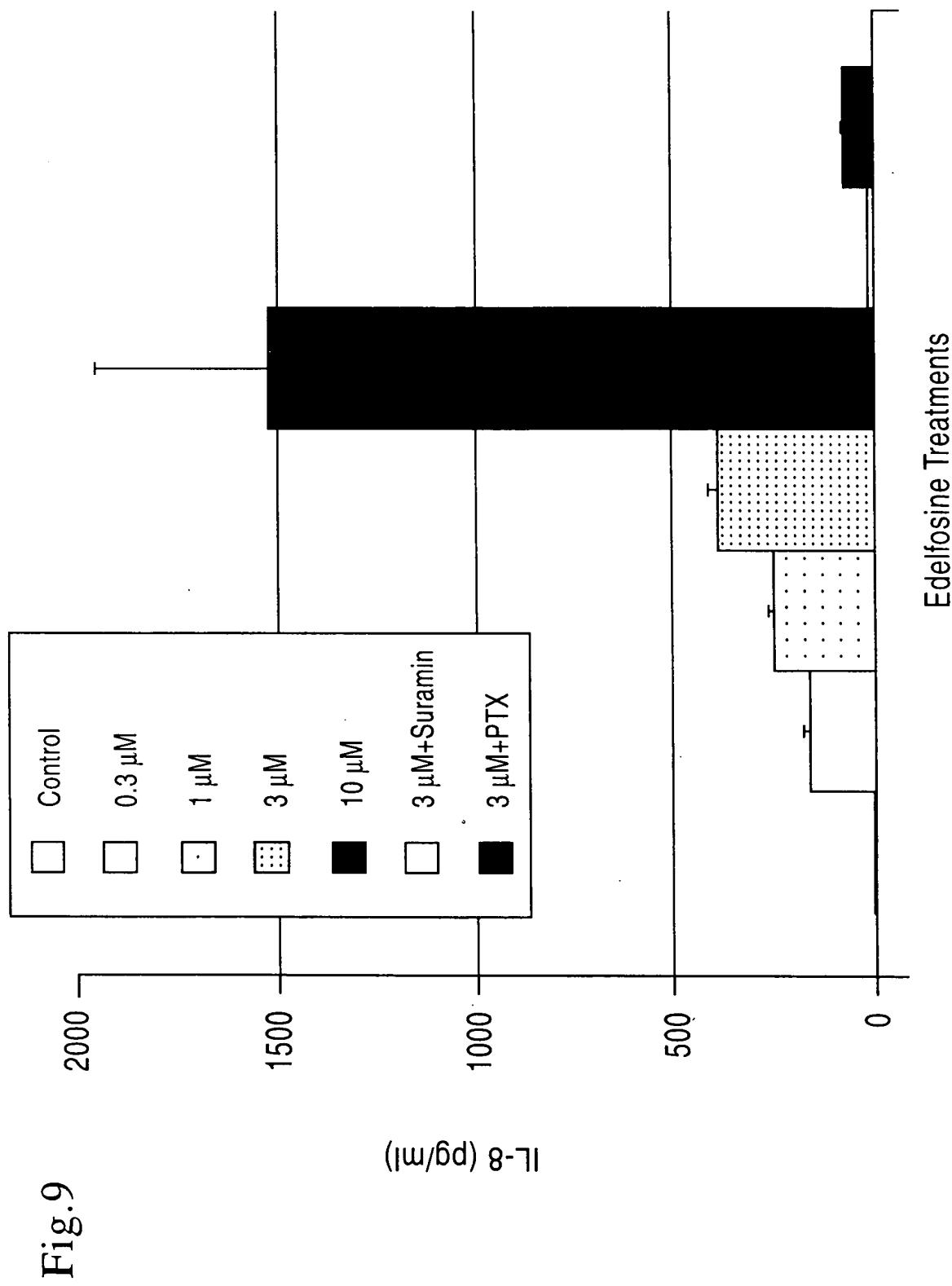


Fig.10A

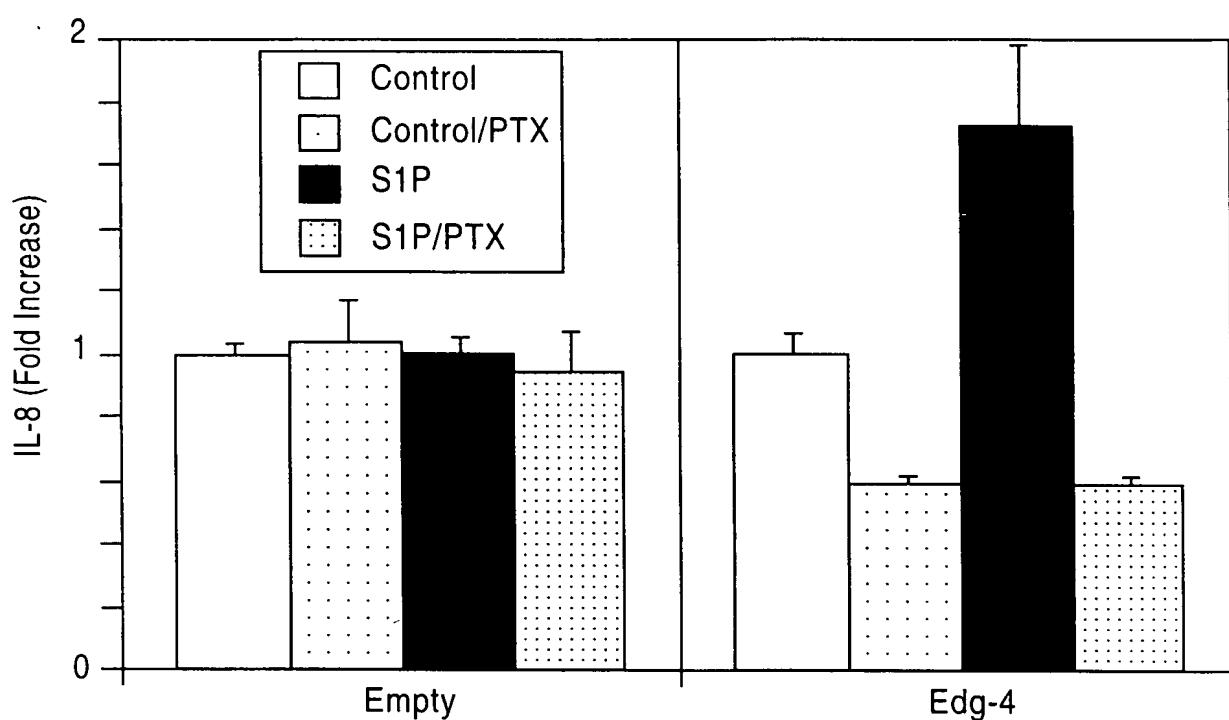


Fig.10B

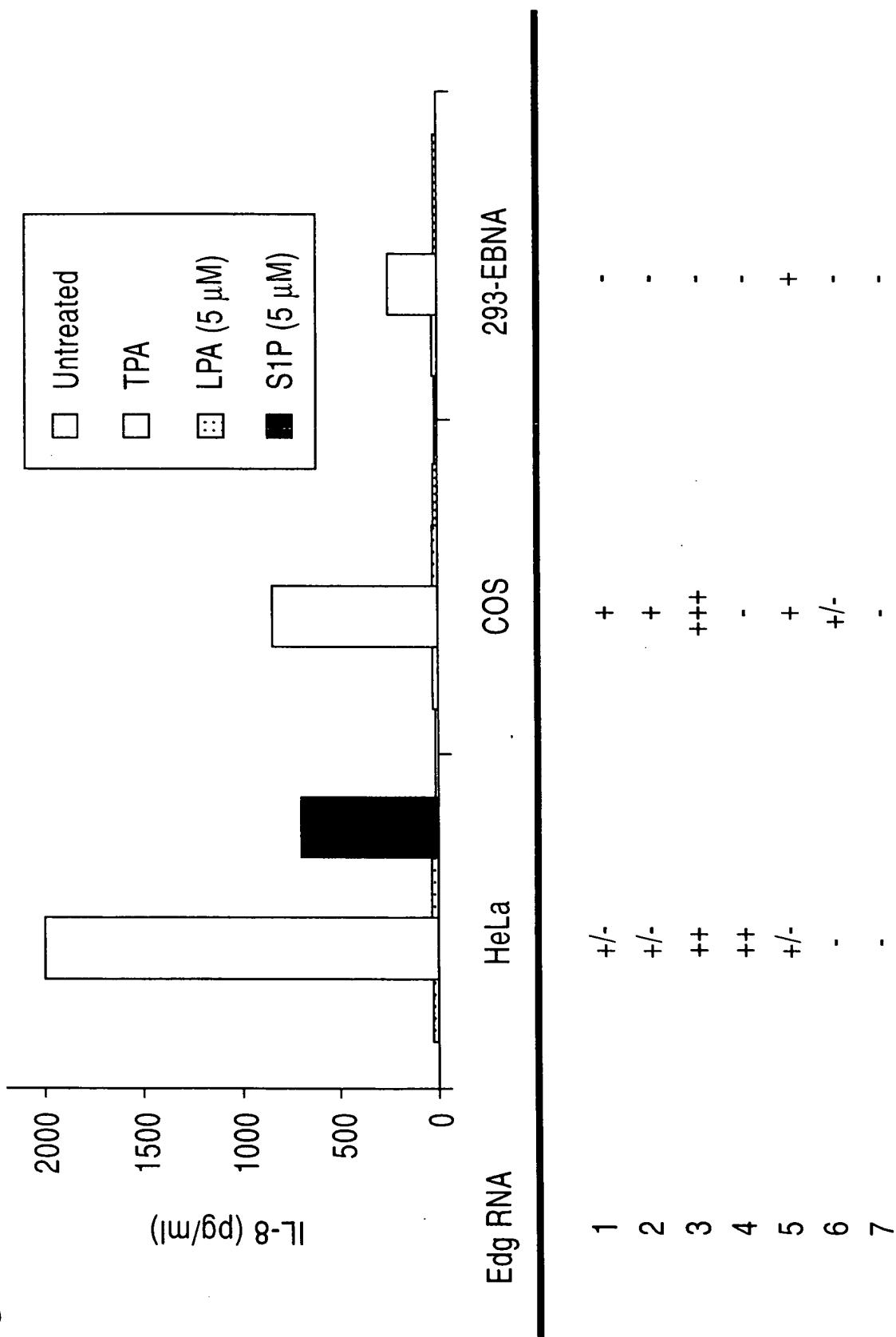


Fig. 11A
Fig. 11B

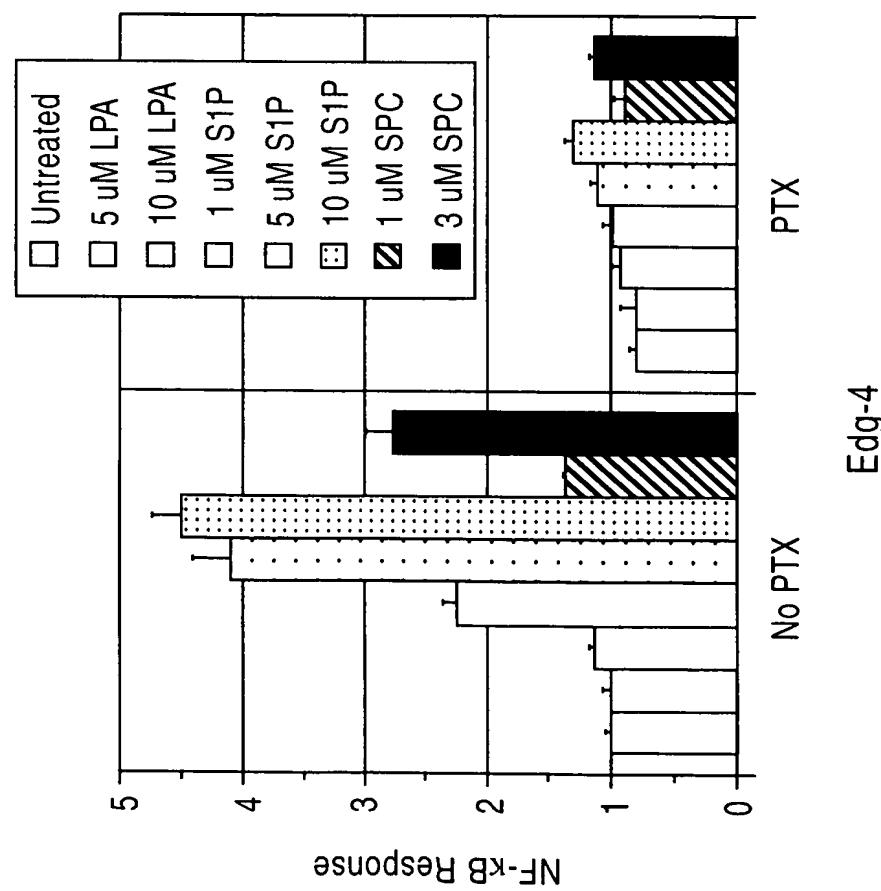
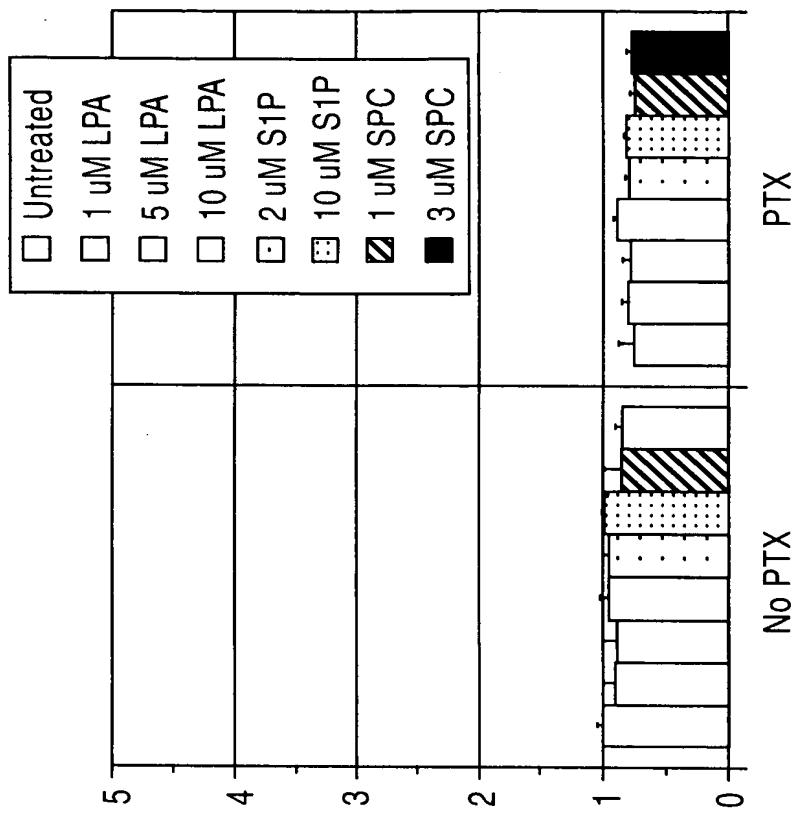


Fig. 11A



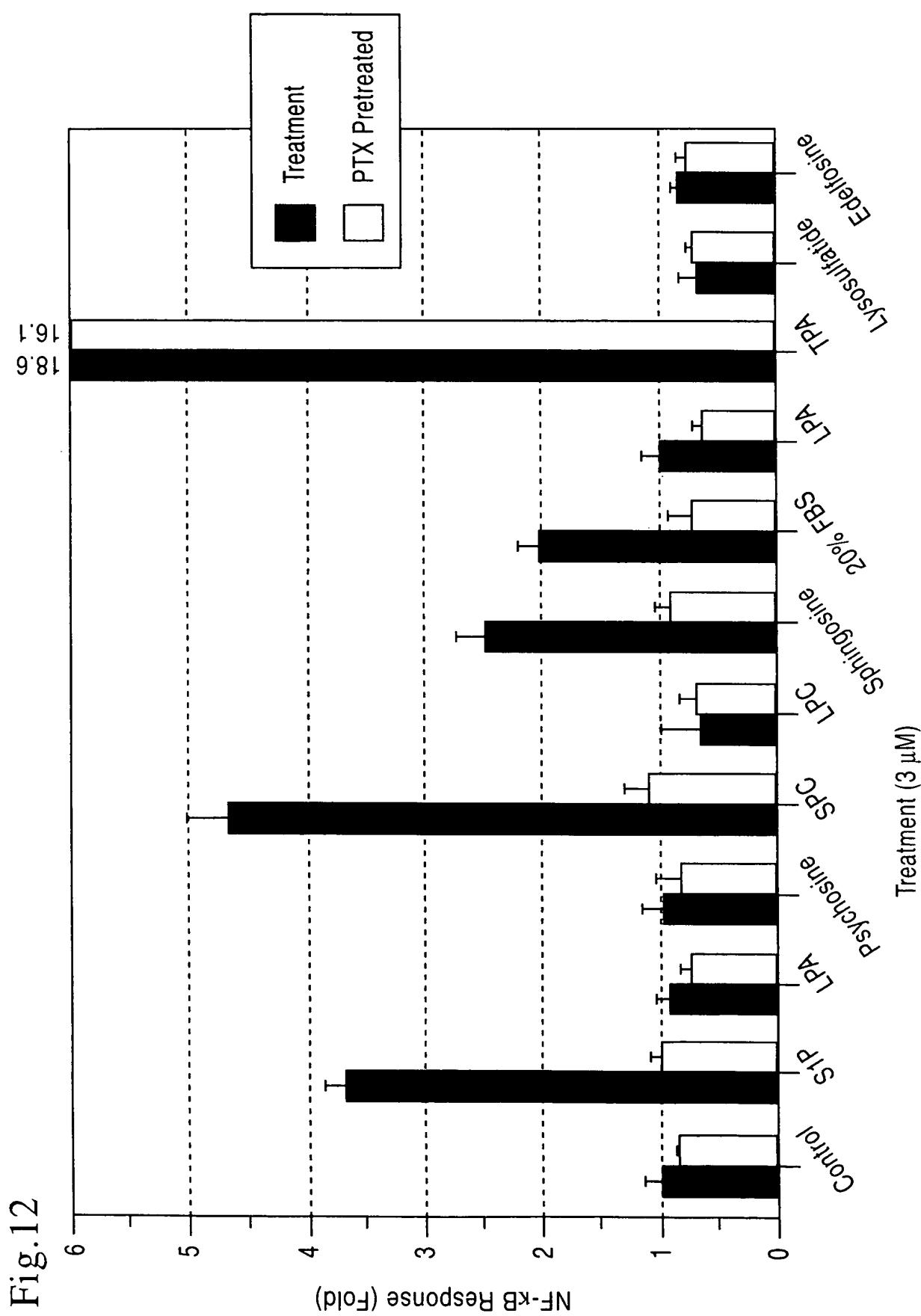


Fig.13A

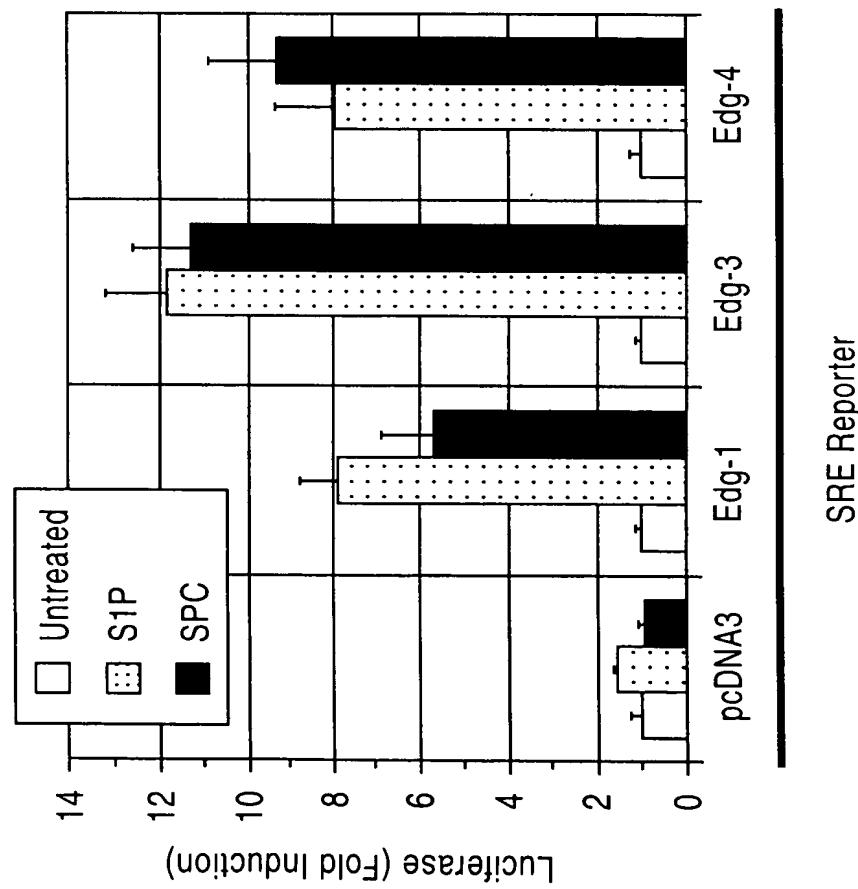


Fig.13B

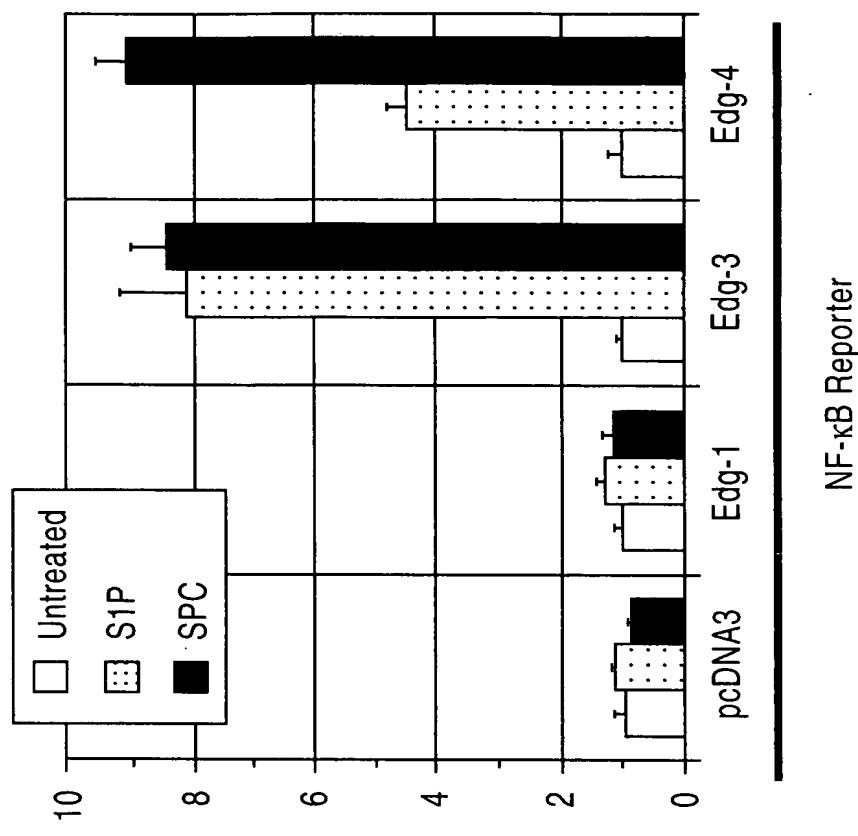


Fig.15A-1

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1	AAAGCCCCATGGCCCCAGCAGGCCTCTGAGCCCACCATGGGCAGCTTGTACTCGGAGTA	60
	TTTCGGGGTACCGGGTCTGTCGGAGACTCGGGTGGTACCGTCGAACATGAGCCTCAT	
61	L N P N K V Q E H Y N Y T K E T L E T Q	
	CCTGAAACCCCAACAAAGGTCCAGGAACACTATAATTATACCAAGGAGACGCTGGAAACGCA	
	GGACTTGGGGTTGTTCCAGGTCTTGTGATATTAAATGGTCCCTCTGCGACCTTGCGT	120
121	E T T S R Q V A S A F I V I L C C A I V	
	GGAGACGACCTCCCGCCAGGTGGCCTCGGCCCTCATCGTCATCCTCTGTTGCGCCATTGT	
	CCTCTGCTGGAGGGCGGTCCACCGGAGCCGGAAAGTAGCAGTAGGAGACAACGCGGTAAACA	180
181	V E N L L V L I A V A R N S K F H S A M	
	GGTGGAAAACCTTCTGGTGTCTATTGCGGTGGCCCGAAACAGCAAGTTCCACTCGGCAAT	
	CCACCTTTGGAAGACCACGAGTAACGCCACCGGGCTTGTGTTCAAGGTGAGCCGTTA	240
241	Y L F L G N L A A S D L L A G V A F V A	
	GTACCTGTTCTGGCAACCTGGCCCTCCGATCTACTGGCAGGGCTGGCCTTCTGTA	
	CATGGACAAAGACCGTTGGACCGGGCGGAGGCTAGATGACCGTCCGACCGGAAGCATCG	300
301	N T L L S G S V T L R L T P V Q W F A R	
	CAATACCTTGCTCTGGCTCTGTACGCTGAGGCTGACGCCCTGTGCACTGGTTGGCCG	
	GTTATGGAACGAGAGACCGAGACAGTGCAGCTCGACTGCGGACACGTCAACAAACGGC	360
361	E G S A F I T L S A S V F S L L A I A I	
	GGAGGGCTCTGCCCTCATCAGCTCTGCCCTCTGCTTCAAGCTCTGGCCATGCCAT	
	CCTCCCGAGACGGAAGTAGTGCAGAGCCGGAGACAGAAGTCGGAGGACCGGTAGCGGT	420
421	E R H V A I A K V K L Y G S D K S C R M	
	TGAGCGCCACGTGCCATTGCAAGGTCAAGCTGTATGGCAGCGACAAGAGCTGCCAT	
	ACTCGCGGTGCACCGTAACGGTCCAGTTGACATACCGTCGCTGTTCTGACGGCGTA	480
481	L L L I G A S W L I S L V L G G L P I L	
	GCTTCTGCTCATGGGGCCTCGTGGCTCATCTGCTGGCCTCGGTGGCCTGCCATCCT	
	CGAAGACGAGTAGCCCGGAGCACCGAGTAGAGCGACCGAGGAGCCACCGAACGGTAGGA	540
541	G W N C L G H L E A C S T V L P L Y A K	
	TGGCTGGAACGTGCTGGGCCACCTCGAGGCCTGCTCCACTGTCTGCTGCCATCGCAA	
	ACCGACCTTGACGGACCCGGTGGAGCTCGGACGAGGTGACAGGACGGAGAGATGCGGTT	600
601	H Y V L C V V T I F S I I L L A I V A L	
	GCATTATGTGCTGTGCGTGGTGACCATCTCTCCATCATCTGTTGGCCATCGTGGCCT	
	CGTAATACGACACGCACCACTGGTAGAAGAGGTAGTAGGACAACCGTAGCACCAGGA	660

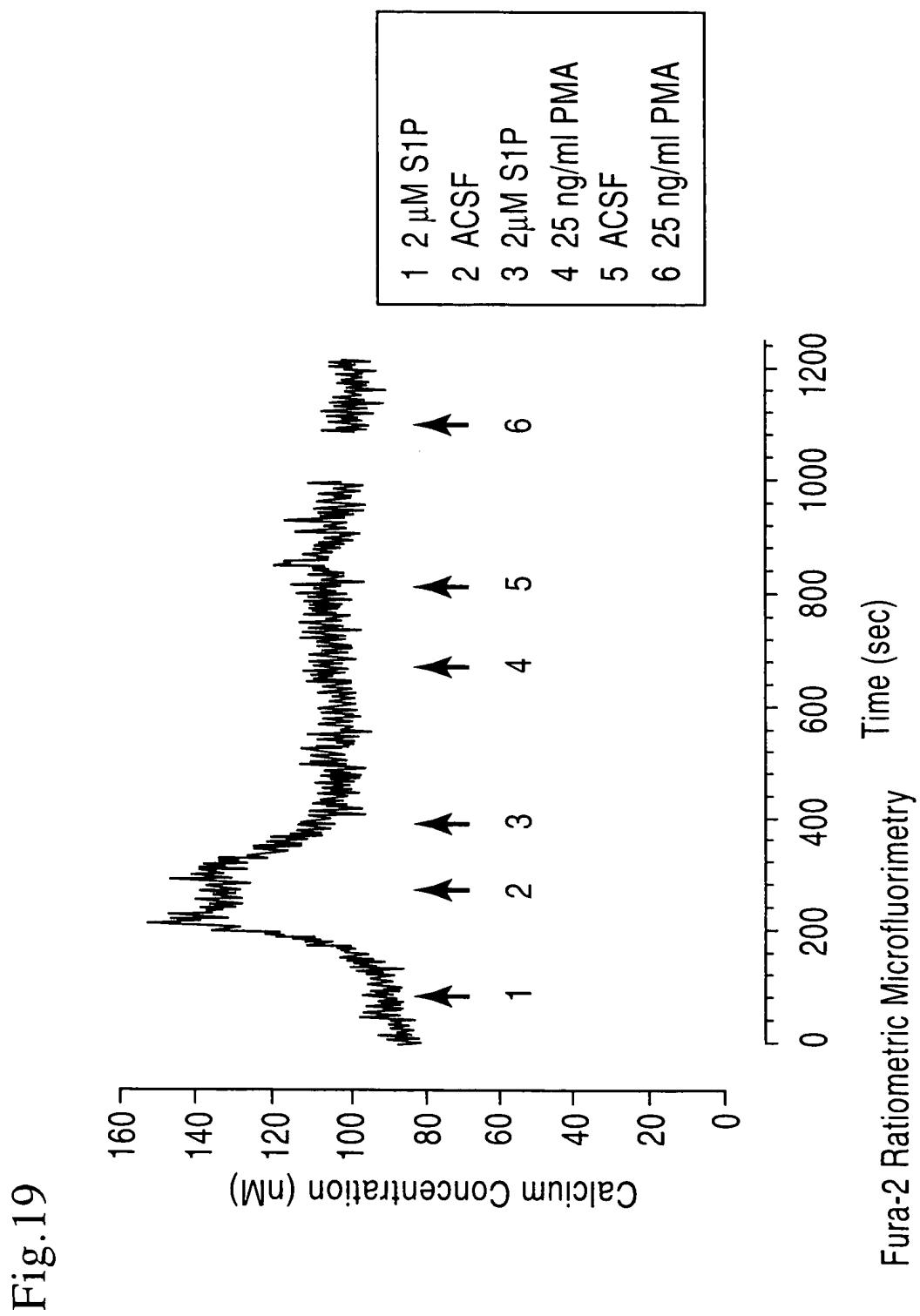
Fig.15B-1

cDNA sequence of clone pC3-hedg4#36 encoding functional HEDG4 receptor protein.

1	ATGGGCAGCTTGTACTCGGAGTACCTGAACCCCCAACAGGTCCAGGAACACTATAATTAT	60
	TACCCGTCGAACATGAGCCTCATGGACTTGGGGTTGTTCCAGGTCTTGTGATATTAATA	
61	ACCAAGGAGACGCTGGAAACCGCAGGAGACGACCTCCGCCAGGTGGCCTCGGCCTTCATC	120
	TGGTTCCCTCTGCGACCTTGCCTCTGCTGGAGGGCGTCCACCGGAGCCGGAAAGTAG	
121	GTCATCCTCTGTCGCCATTGTTGGTGGAAAACCTTCTGGTGCTCATGGGTGGCCCGA	180
	CAGTAGGAGACAACCGGTAACACCACCTTTGGAAGAACGACAGAGTAACGCCACCGGGCT	
181	AACAGCAAGTCCACTCGGCAATGTACCTGTTCTGGCAACCTGGCCGCTCCGATCTA	240
	TTGTCGTTCAAGGTGAGCCGTTACATGGACAAAGACCCGTTGGACCGGGAGGCTAGAT	
241	CTGGCAGGCGTGGCCTTCGTAGCCAATACCTTGTCTCTGGCTCTGTCACGCTGAGGCTG	300
	GACCGTCCGCACCGGAAGCATGGTTATGGAACGAGAGACCGAGACAGTGCAGCTCCGAC	
301	ACGCCTGTGCAGTGGTTGCCGGAGGGCTCTGCCCTCATCACGCTCTGGCCTCTGTC	360
	TGCGGACACGTACCAAACGGGCCCTCCGAGACGGAAGTAGTGCAGAGGCCGGAGACAG	
361	TTCAGCCTCCTGGCCATGCCATTGAGCGCCACGTGGCATTGCCAAGGTCAAGCTGTAT	420
	AAGTCGGAGGACCGGTAGCGGTAACTCGCGGTGACCGGTAACGGTCCAGTCGACATA	
421	GGCAGCGACAAGAGCTGCCCATGCTTCTGCTCATGGGGCCTCGTGGCTCATCTCGCTG	480
	CCGTCGCTGTTCTGACGGCGTACGAAGACGAGTAGCCCCGGAGCACCGAGTAGAGCGAC	
481	GTCCTCGGTGGCCTGCCCATCCTGGCTGGAACGTGCTGGGCCACCTCGAGGCCTGCTCC	540
	CAGGAGCCACCGGACGGTAGGAACCGACCTTGACGGACCCGGTGGAGCTCGGACGAGG	
541	ACTGTCCCTGCCTCTACGCCAACGATTATGTGCTGTGCGTGGTGACCATCTTCTCCATC	600
	TGACAGGACGGAGAGATGCGGTTGTAATACACGACACGACCCACTGGTAGAAGAGGTAG	
601	ATCCTGTTGGCCGTCGTGGCCCTGTACGTGCGCATCTACTCGTGGTCCGCTCAAGCCAC	660
	TAGGACAACCGGCAGCACGGGACATGACGCGTAGATGACGACCCAGGGAGTCGGTG	
661	GCTGACATGGCCGCCCGCAGACGCTAGCCCTGCTCAAGACGGTCACCATCGTGTAGGC	720
	CGACTGTACCGGGGGCGTCTGCGATCGGGACGAGTTCTGCCAGTGGTAGCACGATCCG	
721	GTCTTTATCGTCTGCTGGCTGCCGCCCTCAGCATCCTCCTTCTGGACTATGCCGTCCC	780
	721	780

Fig.15B-2

CAGAAATAGCAGACGACCGACGGCGGAAGTCGTAGGAGGAAGACCTGATACGGACAGGG
GTCCACTCCTGCCGATCCTCTACAAAGCCCACCTACCTTTCGCCGTCTCCACCCCTGAAT 840
781 CAGGTGAGGACGGCTAGGAGATGTTCGGGTGTGGAAAAGCGGCAGAGGTGGGACTTA
TCCCTGCTCAACCCCGTCATCTACACGTGGCGCAGCCGGACCTGCGGCGGGAGGTGCTT 900
841 AGGGACGAGTTGGGGCAGTAGATGTGCACCGCGTCGGCCCTGGACGCCGCCCCCTCACGAA
CGGCCGCTGCAGTGCTGGCGCCGGGGTGGGGGTGCAAGGACGGAGGGCGGGCGGGACC 960
901 GCCGGCGACGTCACGACCGCCGGCCCCCACCCCCACGTTCTGCCTCGCCCCGCCCTGG
CCGGGCCACCACTCCTGCCACTCCGCAGCTCCAGCTCCCTGGAGAGGGCATGCACATG 1020
961 GGCCCGGTGGTGGAGGACGGTGAGGCGTCGAGGTCGAGGGACCTCTCCCGTACGTGTAC
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1021 GGGTGCAGTGGGTGCAAAGACCTCCCGTTGTGCCACCAGACT



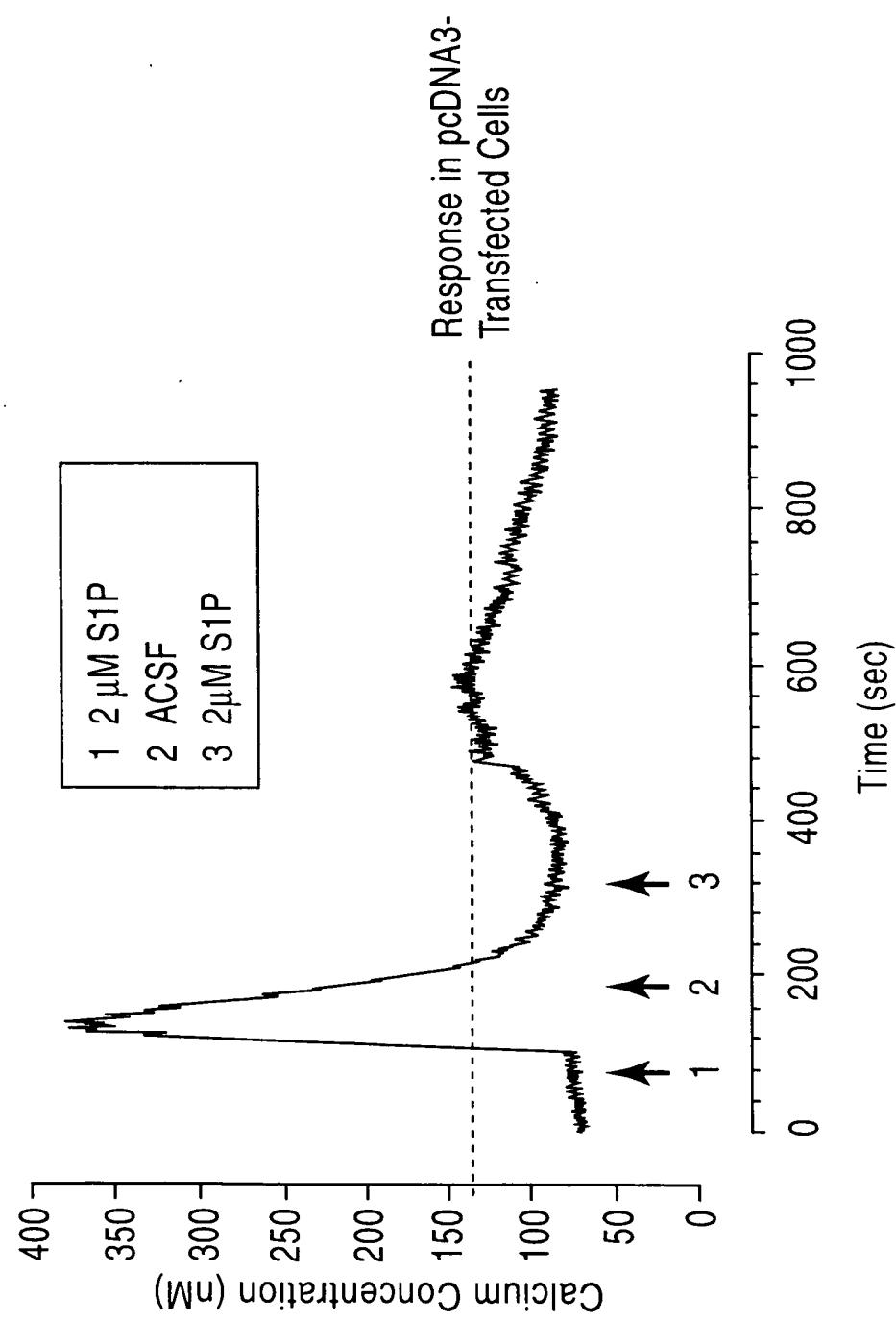


Fig.20

Fig.22A

Human Edg-6 Sequence

ATGGTCATCATGGGCCAGTGCTACTACAACGAGACCATCGGCTTCTTCTATAACAACAGT	60
1 TACCAAGTAGTACCCGGTCACGATGATGTTGCTCTGGTAGCCGAAGAAGATATTGTTGTCA	
GGCAAAGAGCTCAGCTCCACTGGCGGCCAAGGATGTGGTCGTGGCACTGGGCTG	120
61 CCGTTTCTCGAGTCGAGGGTGACCGCCGGTTCCCTACACCAGCACCACCGTGACCCGAC	
ACCGTCAGCGTGCTGGTGCTGCTGACCAATCTGCTGGTCATAGCAGCCATGCCCTCAAC	180
121 TGGCAGTCGACGACCACGACGACTGGTTAGACGACCAGTATCGTCGGTAGCGGAGGTTG	
CGCCGCTTCCACCAGCCCATCTACTACCTGCTGGCAATCTGGCGCCGTCACCTCTTC	240
181 GCGGCAGAGGTGGTCGGTAGATGATGGACGAGCCGTTAGACCGGCGCCACTGGAGAAG	
GCAGGGCGTGGCTACCTCTTCTCATGTTCCACACTGGTCCCCGACAGCCGACTTTCA	300
241 CGCCCGCACCGGATGGAGAAGGAGTACAAGGTGTGACCAGGGCGTGTGGCTGAAAGT	
CTTGAGGGCTGGTTCTGCAGGGCTTGCTGGACACAAGCCTCACTGCCTGGTG	360
301 GAACTCCGACCAAGGACGCCGTCCCGAACGACCTGTGTTGGAGTGACGCCAGCGG	
ACACTGCTGGCCATGCCGTGGAGCGGCACCGCAGTGTGATGGCGTGCAGCTGCACAGC	420
361 TGTGACGACCGGTAGCGGCACCTCGCCGTGGCGTACACTACCGCACGTCGACGTGTCG	
CGCCTGCCCGTGGCCGCGTGGTCATGCTCATTGGGGCTGTGGCTGGCTGCCCTGGC	480
421 GCGGACGGGGCACCGCGCACAGTACGAGTAACACCCGACACCCACCGACGGACCCG	
CTGGGGCTGCTGCCCTGCCACTCCTGGCACTGCCCTGTGCCCTGGACCGCTGCTCACGC	540
481 GACCCGACGGACGGTGAGGACCGTGACGGAGACACGGGACCTGGCGACGAGTGC	
ATGGCACCCCTGCTCAGCCCTCTATTGGCGTCTGGCTCTGTCAGCCTGCTTGTC	600
541 TACCGTGGGACGAGTCGGCGAGGATAAACGGCAGACCCGAGACAGCTGGACGAACAG	
TTCCCTGCTCATGGTGGCTGTACACCCGCAATTCTTCTACGTGCGCGGGCAGTGCAG	660
601 AAGGACGAGTACCAACCGACACATGTGGCGTAAAGAAGATGCAACGCCGCTCACGTC	
CGCATGGCAGAGCATGTCAGCTGCCACCCCCGCTACCGAGAGAACCGCTCAGCCTGGTC	720
661 GCGTACCGTCTCGTACAGTCGACGGTGGGGCGATGGCTCTGGTGGAGTCGGACCA	
AAGACTGTTGTCATCATCCTGGGGCGTTCTGGCTGTGGCTGGACACCAAGGCCAGGTGGTA	780
721 TTCTGACAACAGTAGTAGGACCCCGCAAGCACCAGACGACCTGTGGTCCGGTCAACAT	
CTGCTCCCTGGATGGTTAGGCTGTGAGTCCTGCAATGTCCCTGGCTGTAGAAAAGTACTTC	840
781 GACGAGGACCTACCAAATCCGACACTCAGGACGTTACAGGACCGACATCTTTCATGAAG	

Fig.23

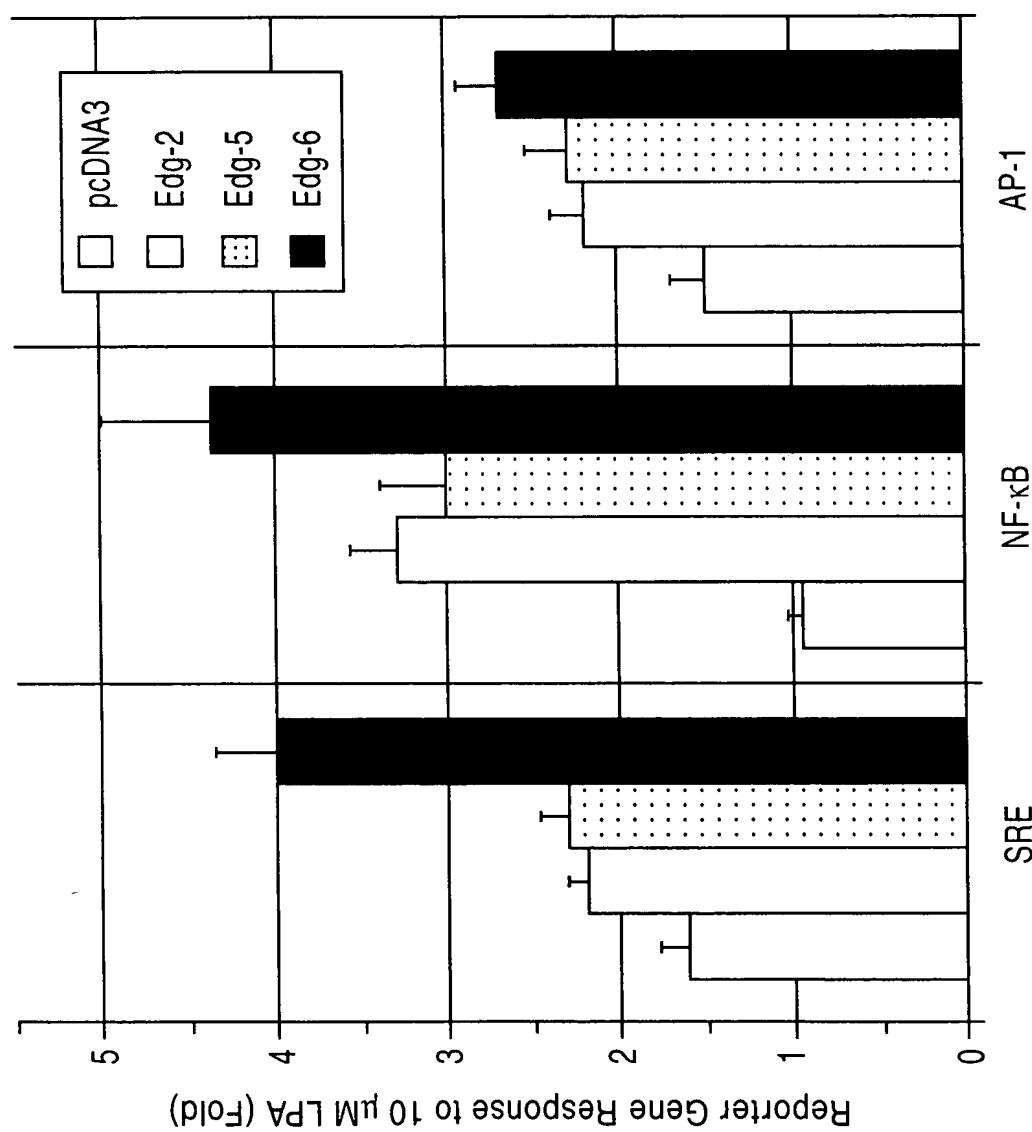


Fig.24

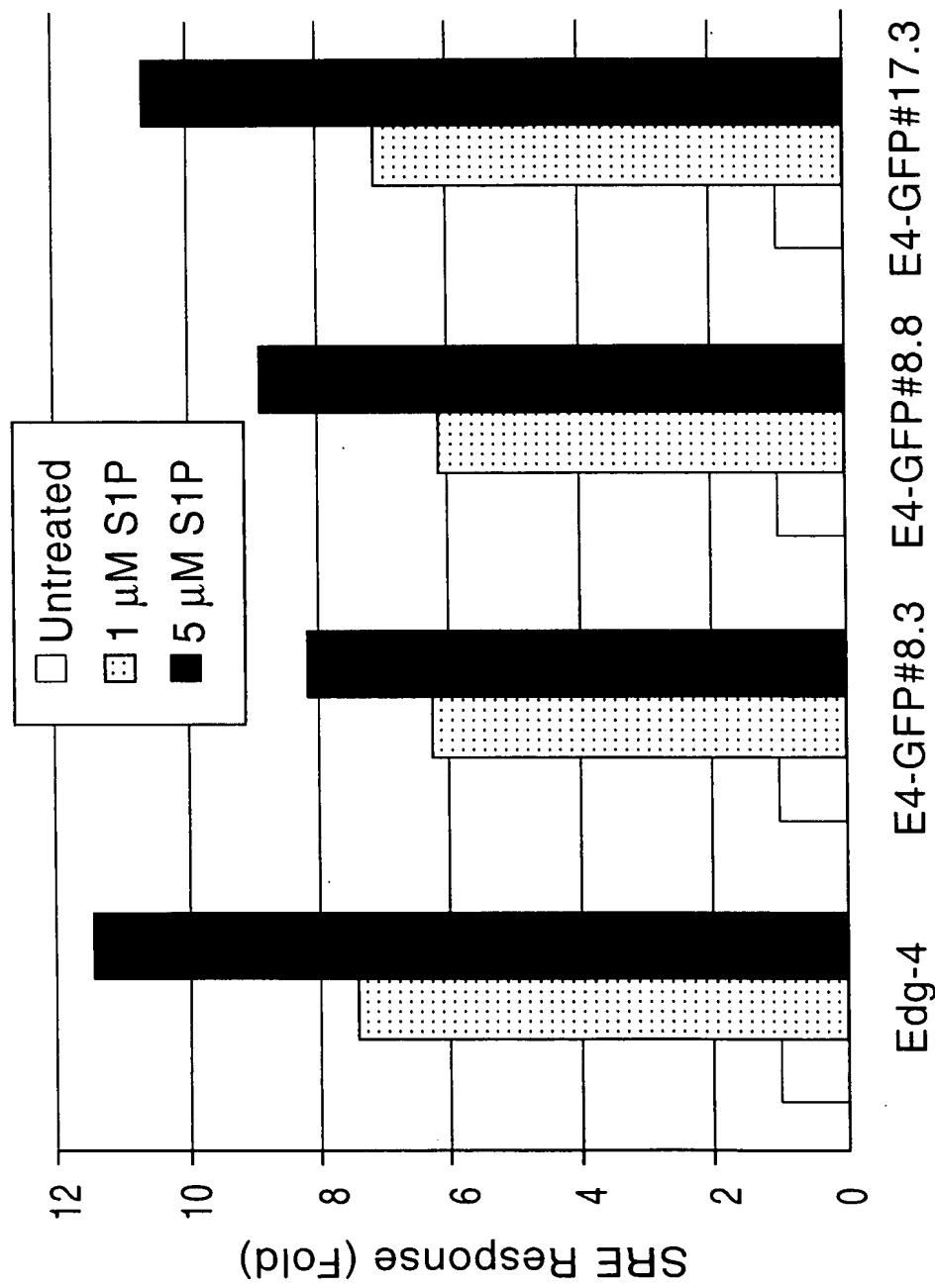


Fig.25

